

AUTOMATING A SERIES "90" SYSTEM? Convert Your Automation Signals To Operate Honeywell Series 90 Mod Motors.

Hub Mount Model



Conveniently mounts directly on 1/2" motor knockout. Converts electronic output signals to 135 ohm (*Series 90*) so you can operate your existing **Honeywell Mod Motors**.

Don't go through the **expense and labor** of changing out your old actuators just because the signal is not compatible ...

Pneuline offers two models, hub mount and snap track, to convert the new signal to your existing motor.

Features:

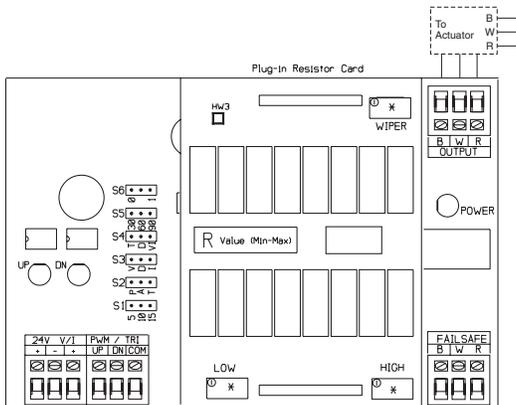
- Mounts **directly** to actuator
- Adapts voltage, current, pulse, or floating control signals.
- Local override for easy testing
- LED-on status indicator
- Switch selectable inputs

MMA4 Selectable Input Signals	
SIGNAL	DESCRIPTION
Pulse	0.59 to 2.93 sec.
	0.02 to 5.0 sec.
	0.10 to 25.5 sec.
Floating	55 sec
Voltage	0 to 5Vdc
	1 to 5 Vdc
	0 to 10Vdc
	2 to 10 Vdc
Current	0 to 20mA, 4-20mA

Power: 24Vac/dc; 3VA

ORDERING INFORMATION		
ORDER #	OUTPUT	DESCRIPTION
MMA4-135	0-135 ohm	1/2" Hub-mount Electronic to 135 ohm Transducer

Snap Track Model



3.25" Snap-Track Mount

Simply wire it in and select the signal you are using ...

The MMA3-135 is an interface that allows microprocessor control of a variable resistance. The MMA3-135's isolated resistor network can be controlled by several different DDC signal types. It directly replaces a variable resistance controller and simulates the action of a slide wire or rotary potentiometer.

Features:

- 12 Analog voltage/current input signal ranges
- 3 selectable Pulse Input ranges
- 3 selectable Floating Point ramp rates
- Isolated resistive output
- Power and signal status indicators
- Plug-in resistance cards (*135 ohm included*)

MMA3 Selectable Input Signals	
SIGNAL	DESCRIPTION
Pulse	0.59 to 2.93 sec.
	0.02 to 5.0 sec.
	0.10 to 25.5 sec.
Floating	5, 15 or 90 sec.
Voltage	0 to 5Vdc
	1 to 5 Vdc
	0 to 10Vdc
	2 to 10 Vdc
	0 to 15 Vdc
	3 to 15Vdc
Current	0 to 20mA, 4-20mA

ORDERING INFORMATION	
ORDER #	RANGES
MMA3-135	3.25" Snap-track-mount Electronic to 135 ohm Transducer

PLUG-IN RESISTANCE OUTPUT CARDS	
ORDER #	DESCRIPTION
RN-270	270 ohm card
RN-500	500 ohm card
RN-1000	1000 ohm card
RN-10K	10,000 ohm card

Pulse Width Modulation Signals	
BRAND	SIGNAL
NOVAR	0.59 to 2.93 sec.
JOHNSON	0.02 to 5.0 sec.
ANDOVER	0.1 to 25.5 sec.